

Amendments to the Claims

Claim 1 (Currently Amended): A composition for preventing or treating cancer in a subject wherein the composition comprises an isolated MUC1 cytoplasmic tail peptide, wherein the sequence of the MUC1 cytoplasmic tail peptide is selected from the group consisting of SEQ ID NO: 3, SEQ ID NO: 4, SEQ ID NO: 5, SEQ ID NO: 6, SEQ ID NO: 7, SEQ ID NO: 8, SEQ ID NO: 9, SEQ ID NO: 10, SEQ ID NO: 11, SEQ ID NO: 12, SEQ ID NO: 13, SEQ ID NO: 14, SEQ ID NO: 15, SEQ ID NO: 16, SEQ ID NO: 17, SEQ ID NO: 18, SEQ ID NO: 19, SEQ ID NO: 20, SEQ ID NO: 21, SEQ ID NO: 22, SEQ ID NO: 23, SEQ ID NO: 24, SEQ ID NO: 25, SEQ ID NO: 26, SEQ ID NO: 27, SEQ ID NO: 28, SEQ ID NO: 29, SEQ ID NO: 30, SEQ ID NO: 31, SEQ ID NO: 32, SEQ ID NO: 33, ~~SEQ ID NO: 34~~, SEQ ID NO: 35, SEQ ID NO: 36, SEQ ID NO: 37, SEQ ID NO: 38, SEQ ID NO: 39, SEQ ID NO: 40, SEQ ID NO: 41, SEQ ID NO: 42, SEQ ID NO: 43, SEQ ID NO: 44, SEQ ID NO: 45, SEQ ID NO: 46, SEQ ID NO: 47, SEQ ID NO: 48, and SEQ ID NO: 49.

Claim 2 (Withdrawn): A method for preventing or treating cancer in a subject comprising administering to a subject an effective amount of a composition of claim 1 so that cancer is prevented or treated in the subject.

Claim 3 (Cancelled)

Claim 4 (Previously Presented): A vaccine for preventing or treating cancer in a subject, the vaccine comprising the composition of claim 1.

Claim 5 (Currently Amended): A composition for preventing or treating cancer in a subject wherein the composition comprises an isolated MUC1 cytoplasmic tail peptide, The composition of claim 1, wherein said the sequence of the MUC1 cytoplasmic tail peptide is selected from the group consisting of SEQ ID NO: 47, SEQ ID NO: 48, and SEQ ID NO: 49.

Claim 6 (Currently Amended): The composition of claim 5 ‡, wherein said sequence of the MUC1 cytoplasmic tail peptide is SEQ ID NO: 47.

Claim 7 (Previously Presented): The composition of claim 5, wherein the composition comprises the MUC1 cytoplasmic tail peptide of SEQ ID NO: 47, the MUC1 cytoplasmic tail peptide of SEQ ID NO: 48, and the MUC1 cytoplasmic tail peptide of SEQ ID NO: 49.

Claim 8 (Currently Amended): The composition of claim 1, wherein said sequence of the MUC1 cytoplasmic tail peptide is selected from the group consisting of SEQ ID NO: 10, SEQ ID NO: 11, SEQ ID NO: 13, SEQ ID NO: 15, SEQ ID NO: 20, SEQ ID NO: 23, SEQ ID NO: 27, SEQ ID NO: 33, ~~SEQ ID NO: 34~~, SEQ ID NO: 35, SEQ ID NO: 36, SEQ ID NO: 37, SEQ ID NO: 38, SEQ ID NO: 40, and SEQ ID NO: 44.

Claim 9 (Withdrawn): A method for preventing or treating cancer in a subject comprising administering to a subject an effective amount of a composition of claim 5 so that cancer is prevented or treated in the subject.

Claim 10 (Withdrawn): A method for preventing or treating cancer in a subject comprising administering to a subject an effective amount of a composition of claim 6 so that cancer is prevented or treated in the subject.

Claim 11 (Withdrawn): A method for preventing or treating cancer in a subject comprising administering to a subject an effective amount of a composition of claim 7 so that cancer is prevented or treated in the subject.

Claim 12 (Withdrawn): A method for preventing or treating cancer in a subject comprising administering to a subject an effective amount of a composition of claim 8 so that cancer is

prevented or treated in the subject.